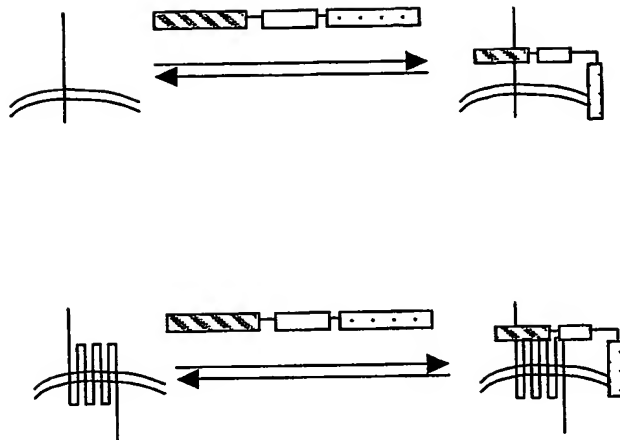


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**Fig. 1**

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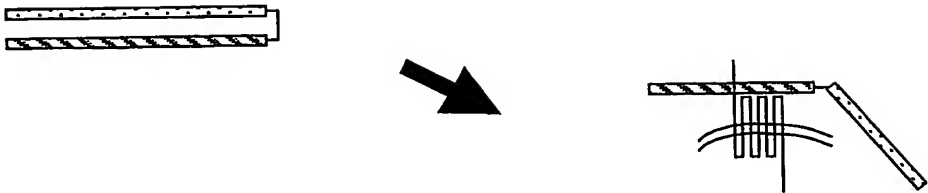
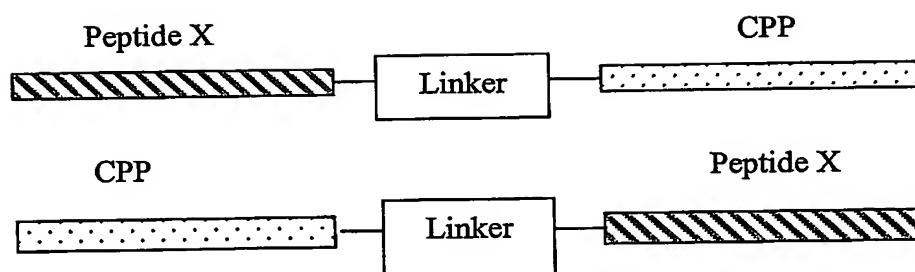


Fig. 2

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**Fig. 3**

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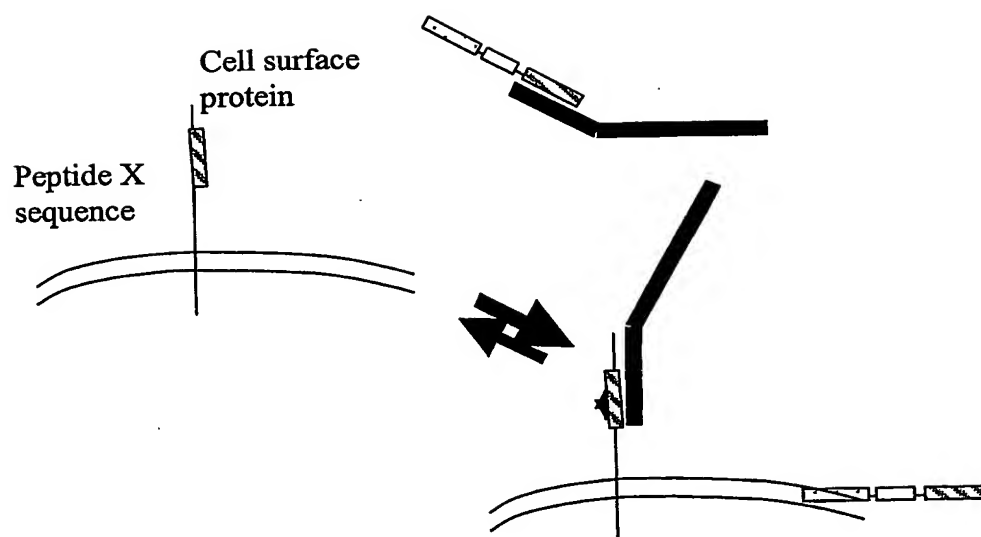


Fig. 4

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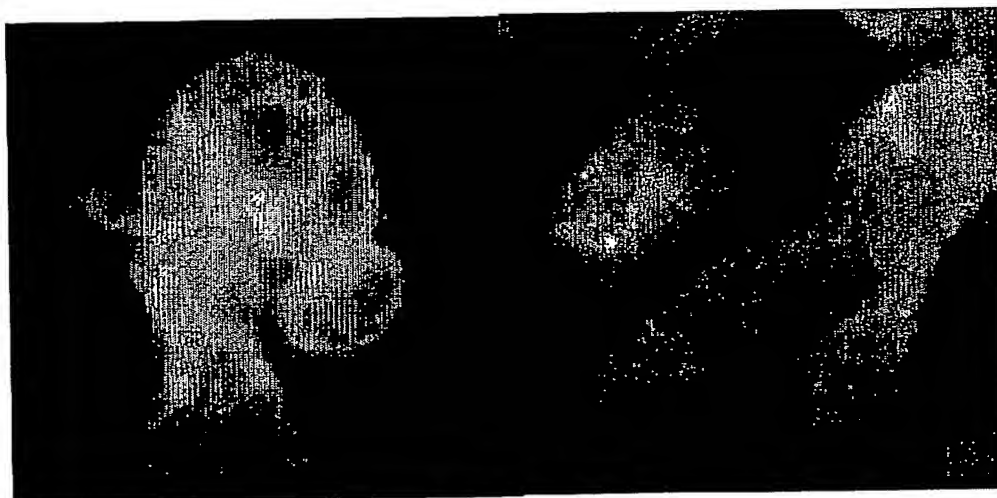


Fig. 5

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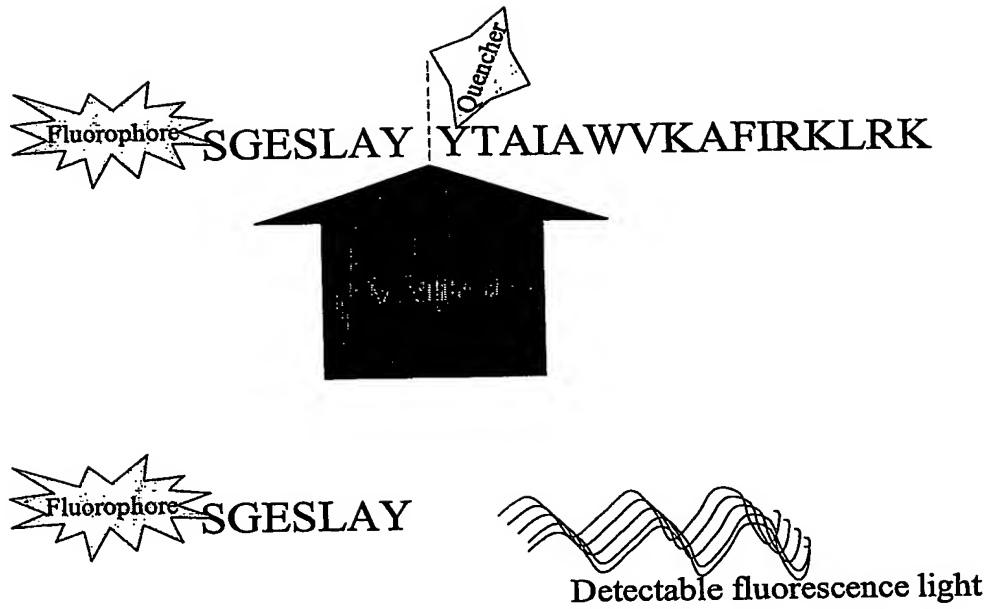
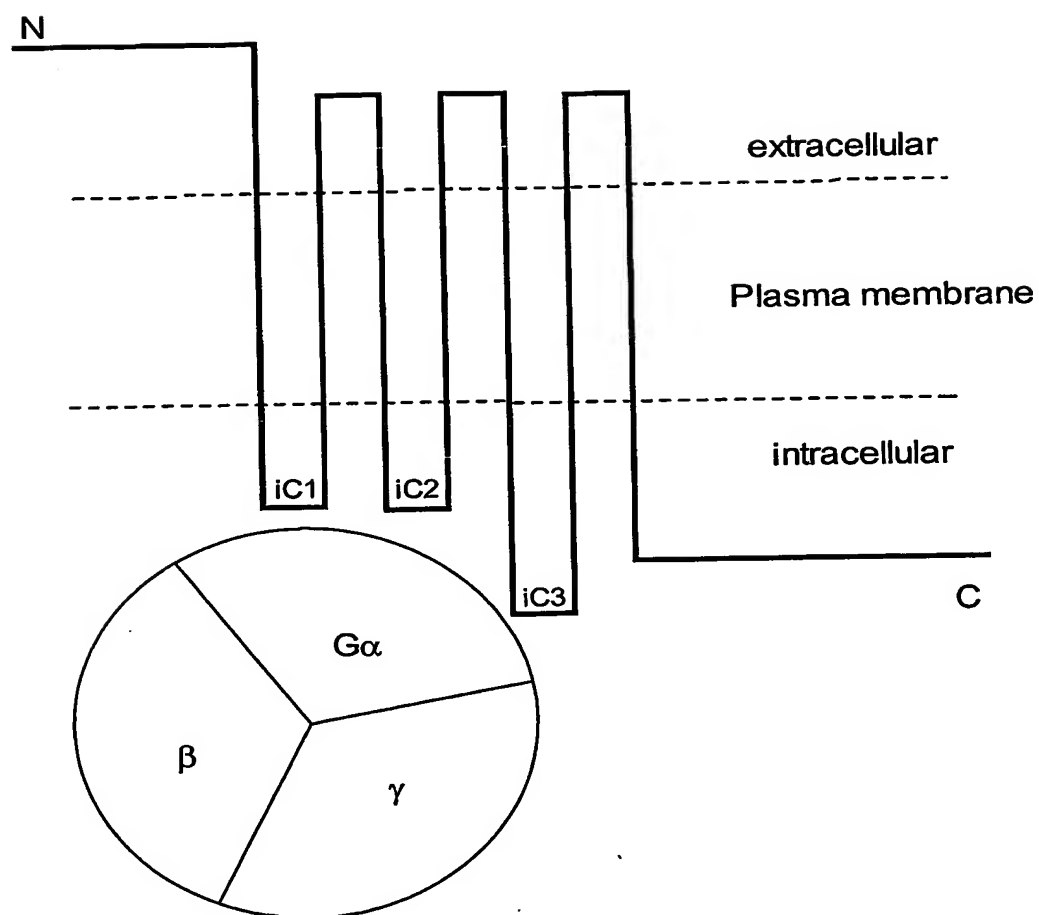


Fig. 6

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**Fig. 7**

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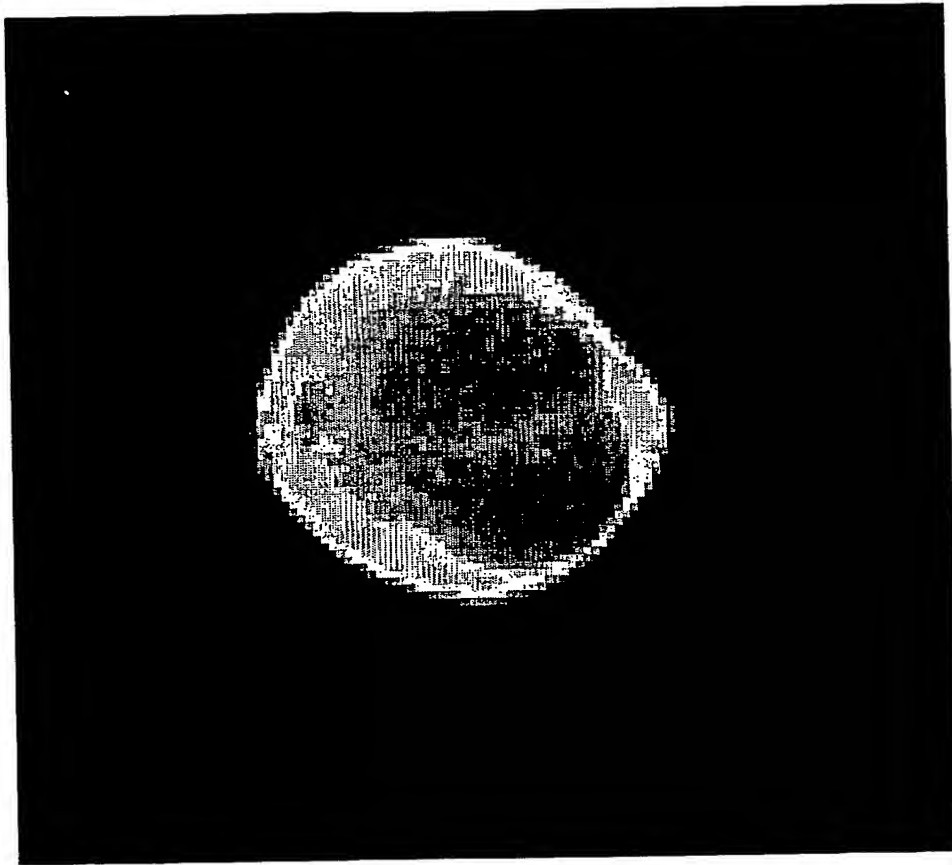
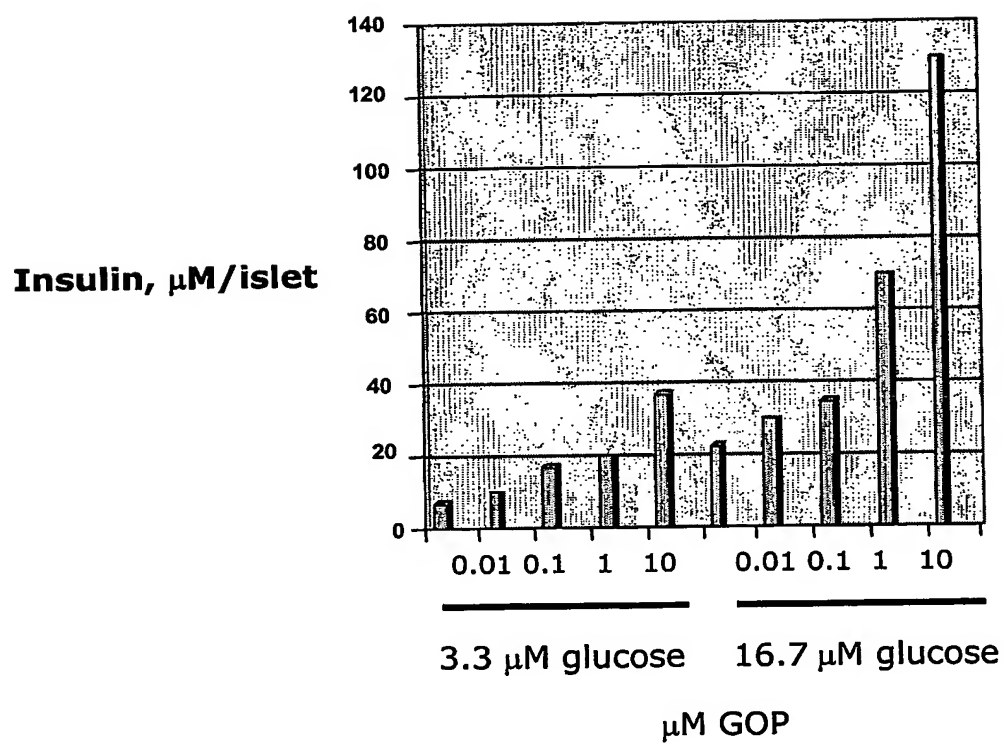


Fig. 8

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**Fig. 9**

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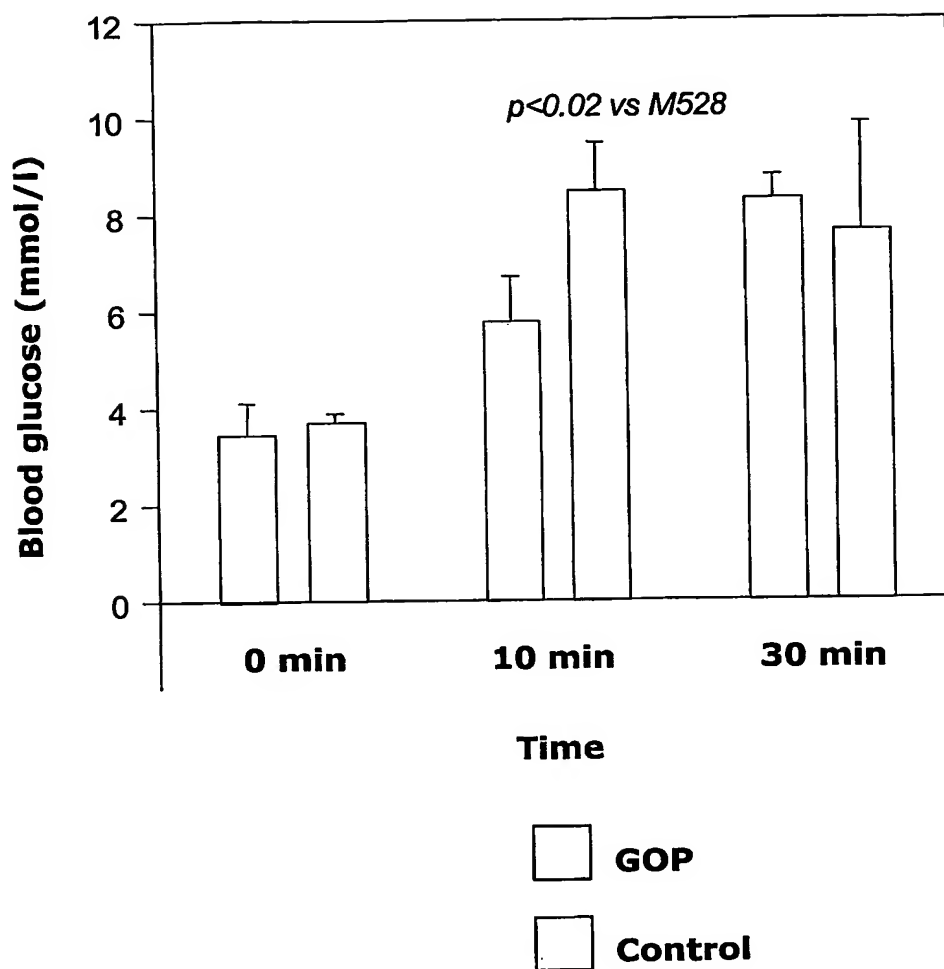


Fig. 10

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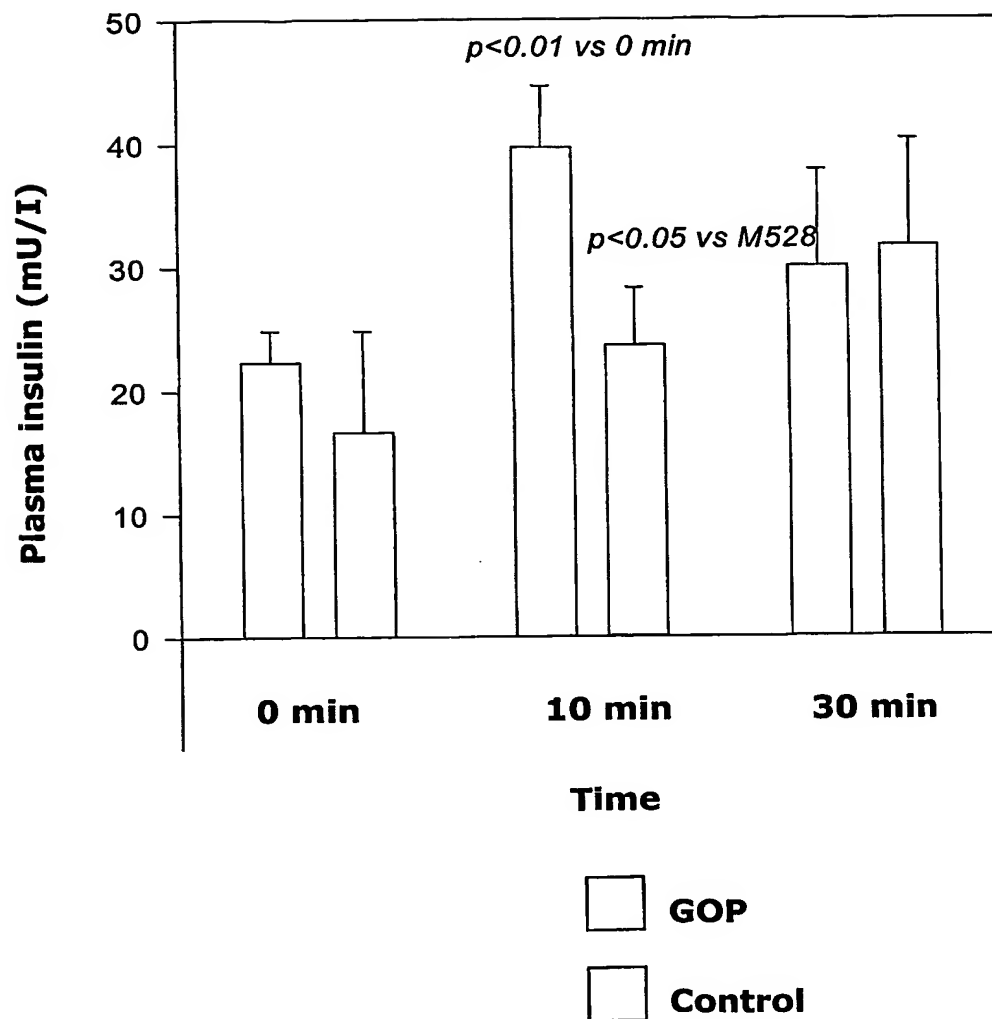


Fig. 11

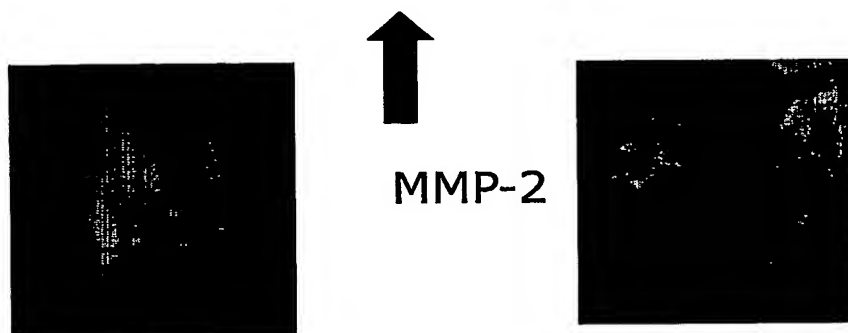
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**Fig. 12**

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YTA-2

Peptide:	Sequence:	Uptake:
YTA-2	biotin-YTAIAWVKAFIRKLRK-amide	+++
YTA-2 ps	biotin-SGESLAYYTAIAWVKAFIRKLRK-amide	+

**Fig. 12**

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YTA-2

Peptide:	Sequence:	Uptake:
YTA-2	biotin-YTAIAWVKAFIRKLRK-amide	+++
YTA-2 ps	biotin-SGESLAYYTAAIAWVKAFIRKLRK-amide	+

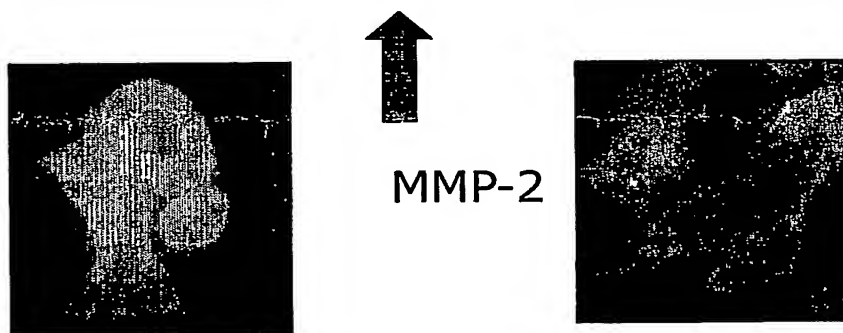


Fig. 13

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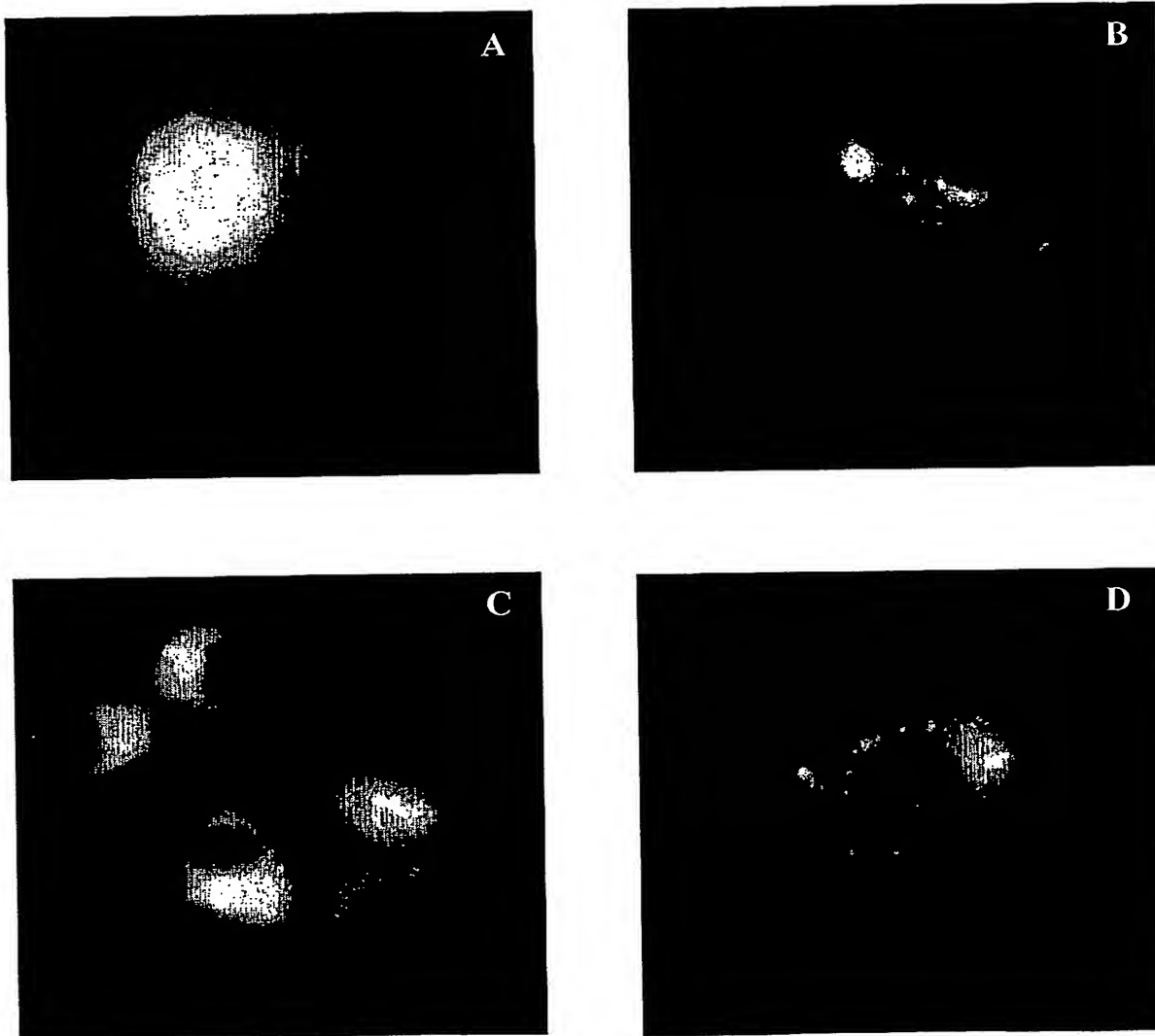
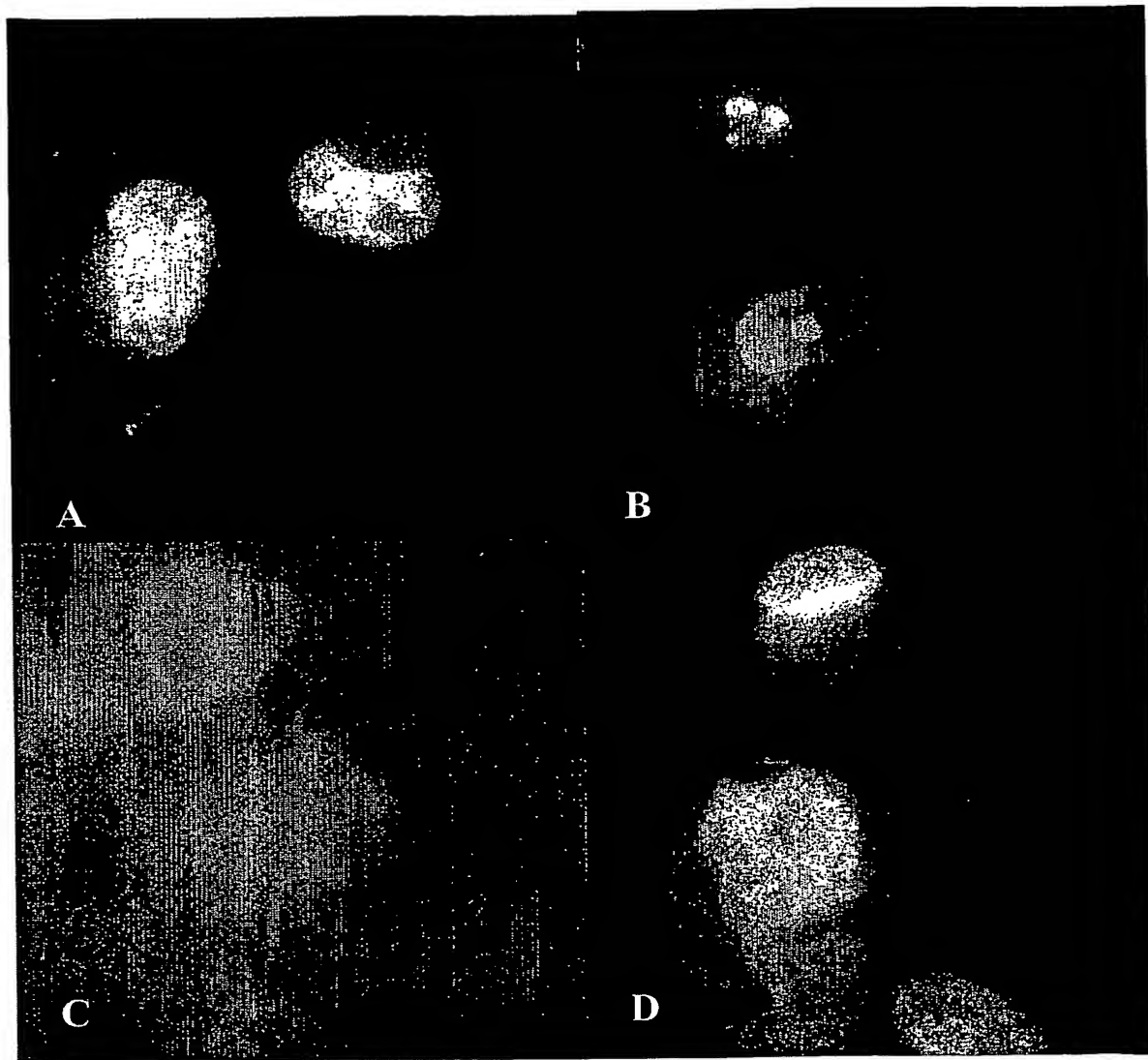


Fig. 14

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**Fig. 15**

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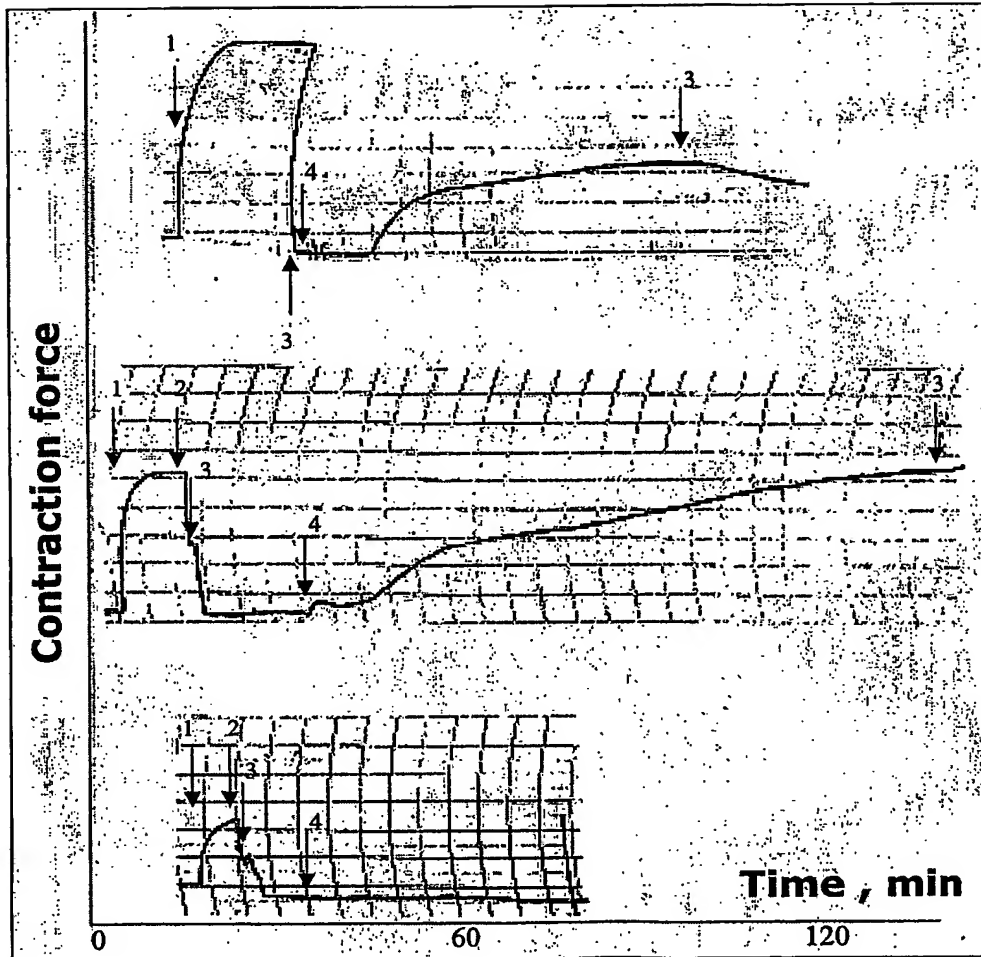


Fig. 16

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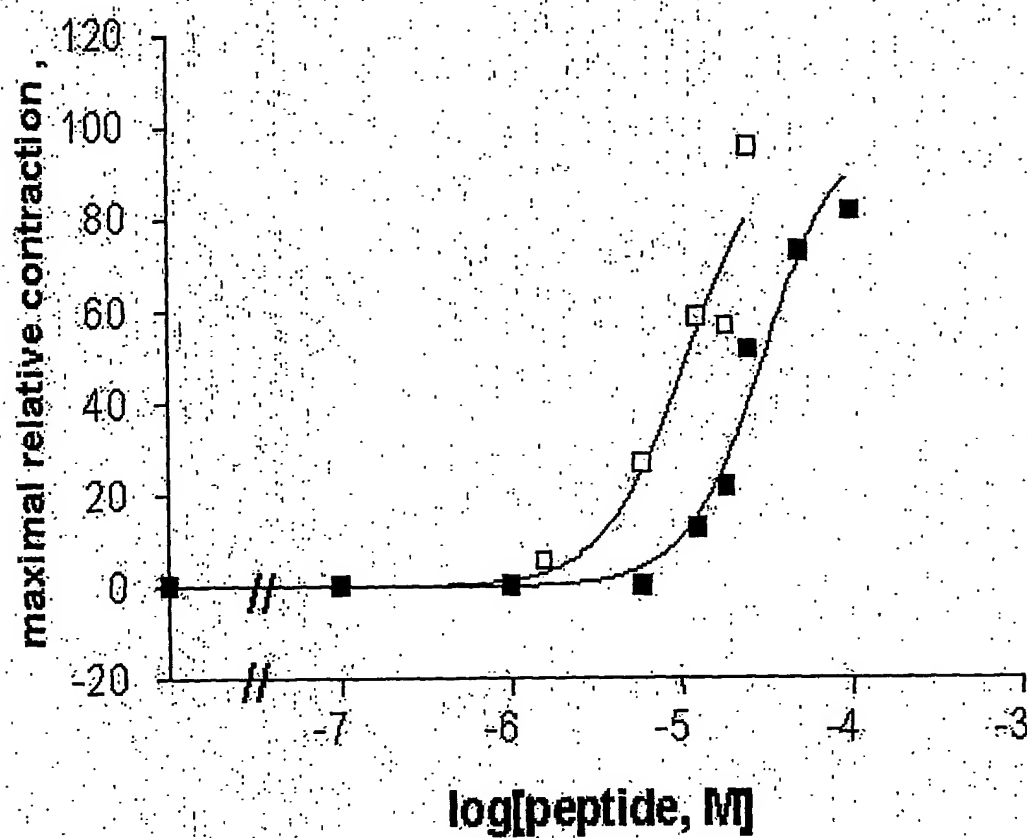


Fig. 17

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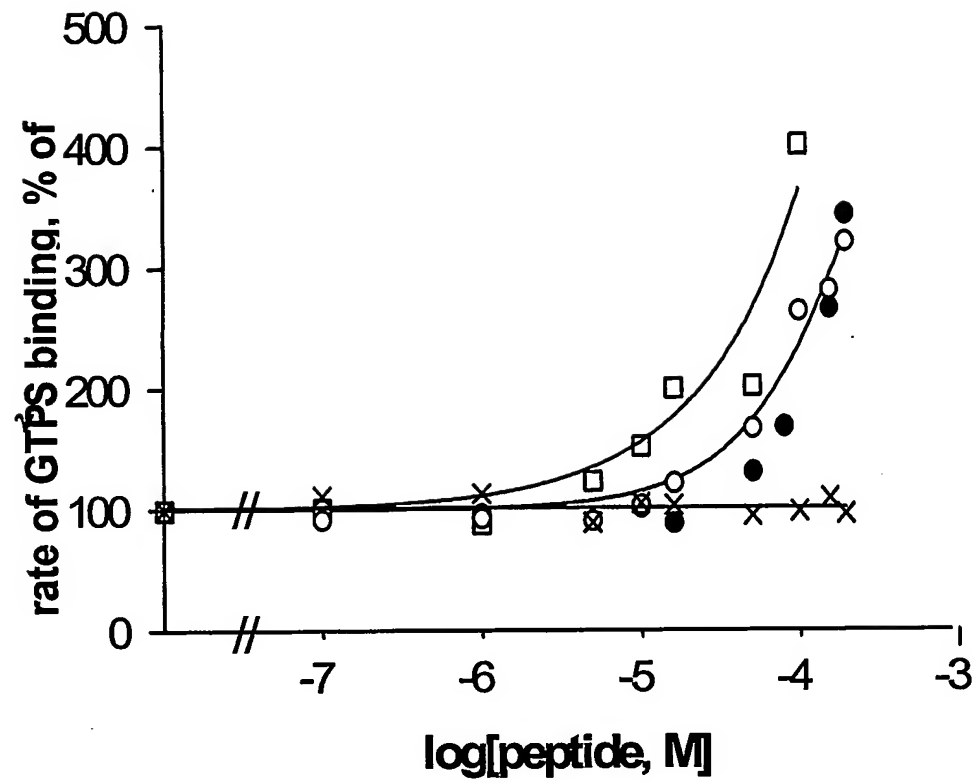


Fig. 18

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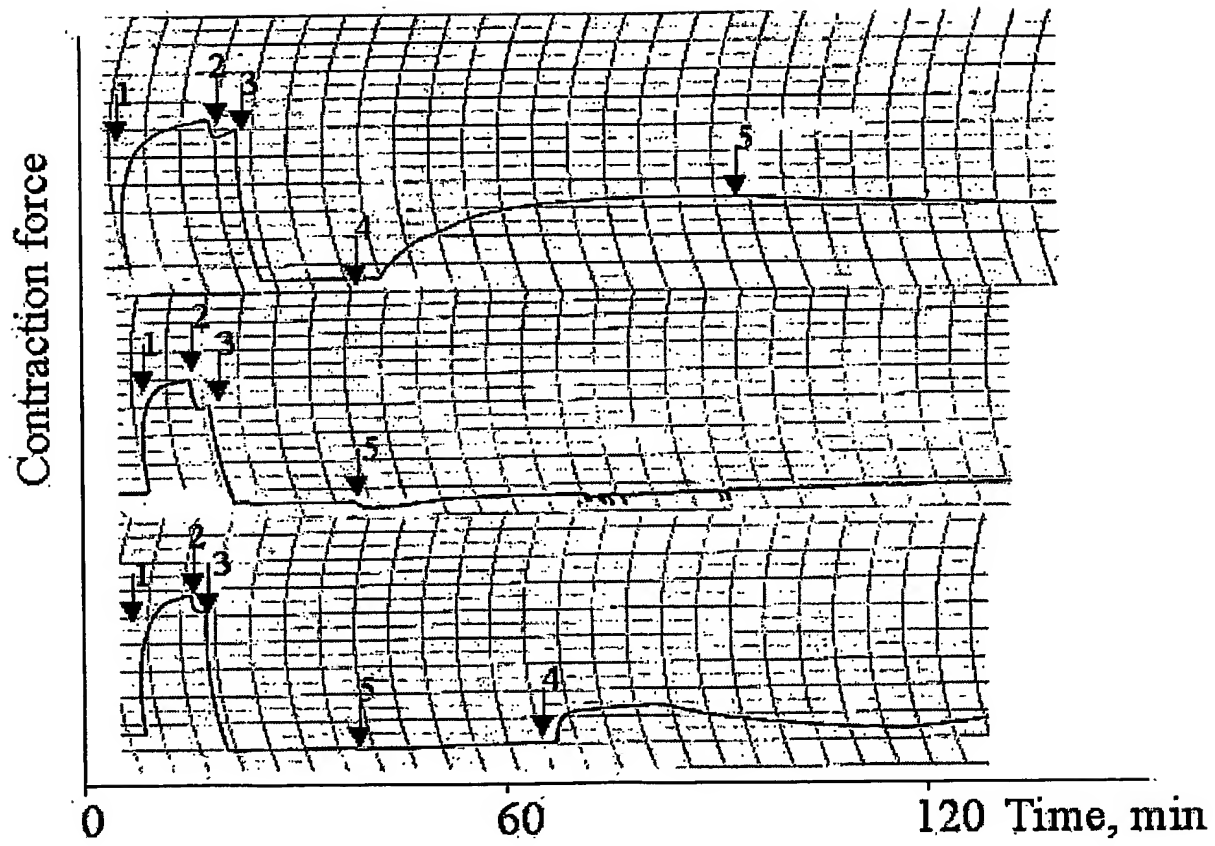


Fig. 19

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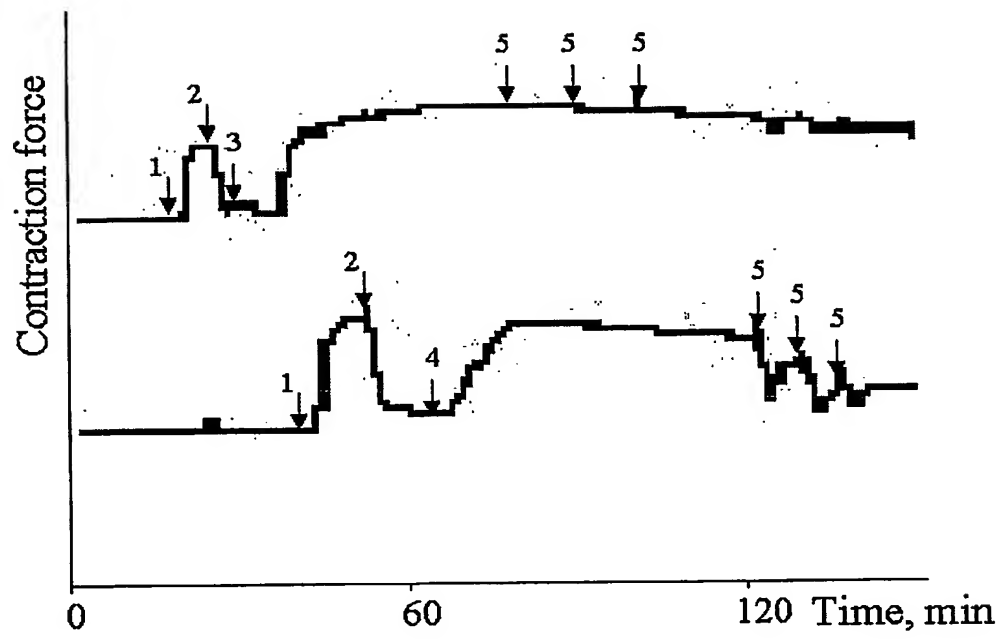


Fig. 20

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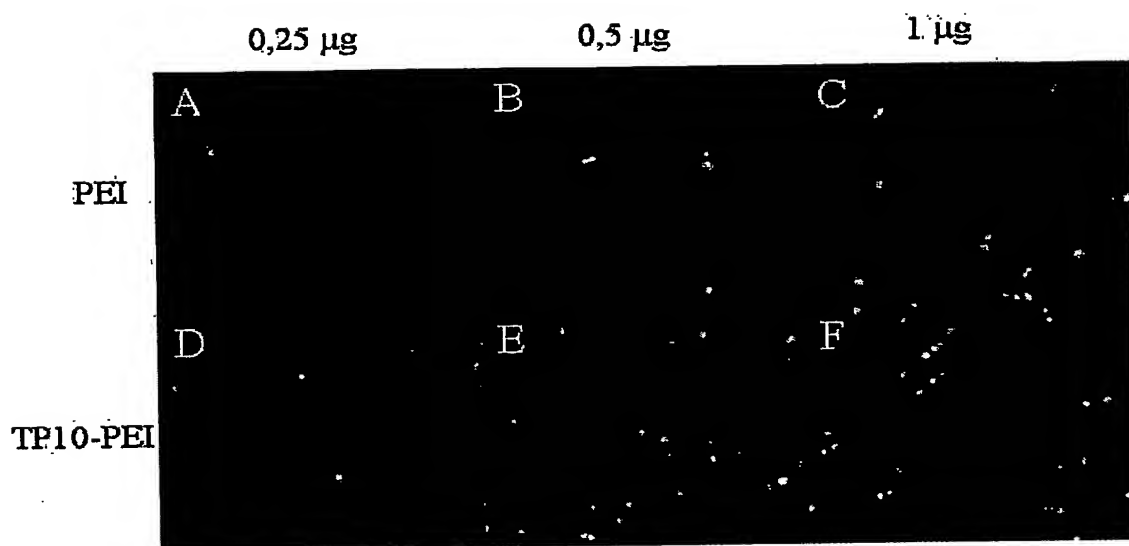
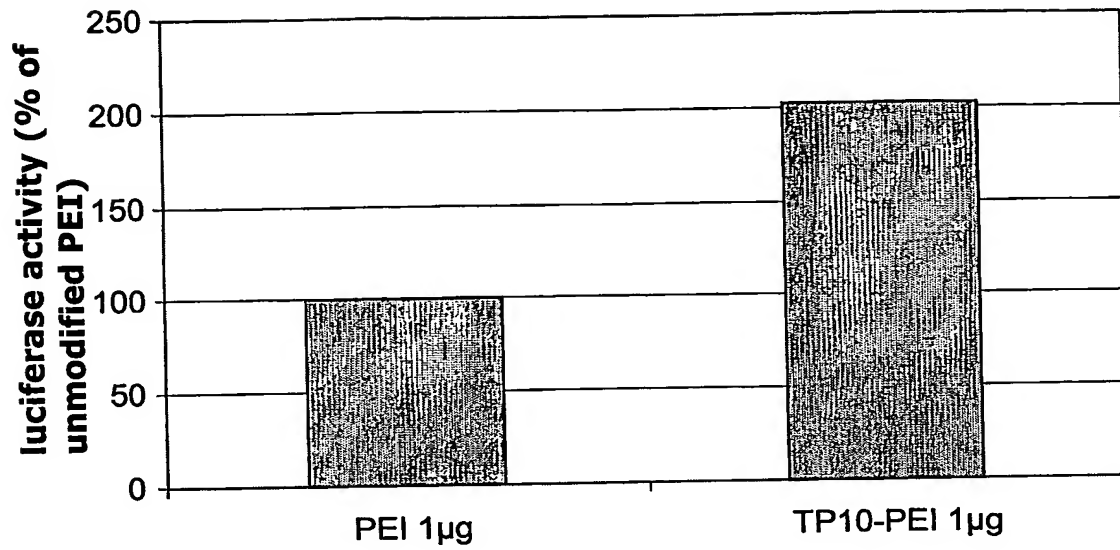


Fig. 21A

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A



B

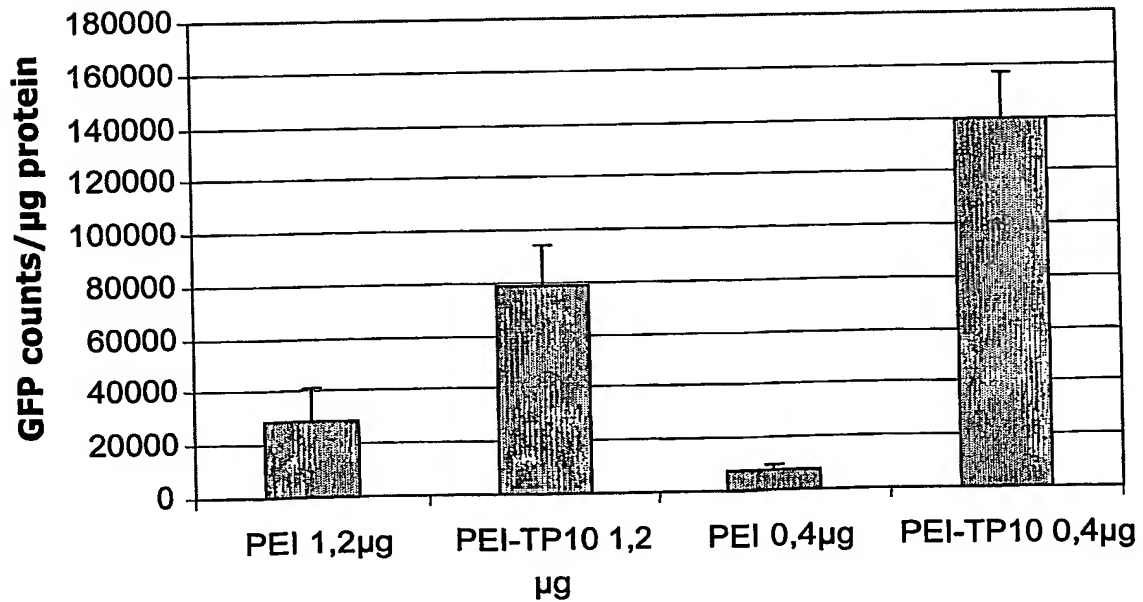


Fig. 21B

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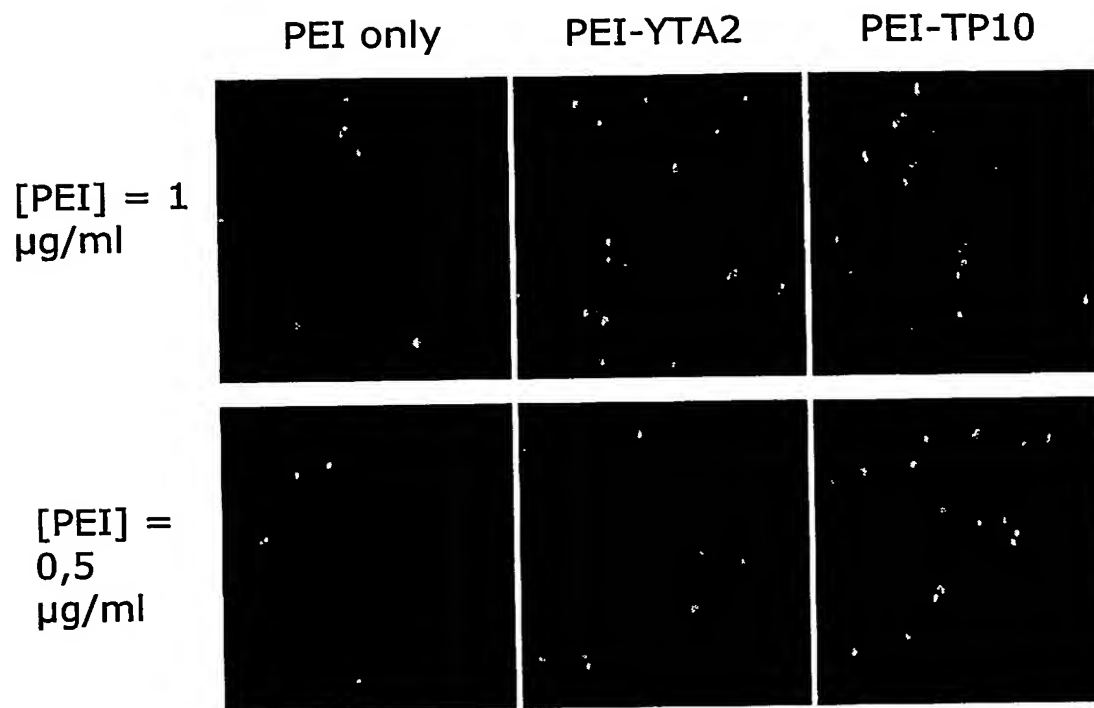


Fig. 22

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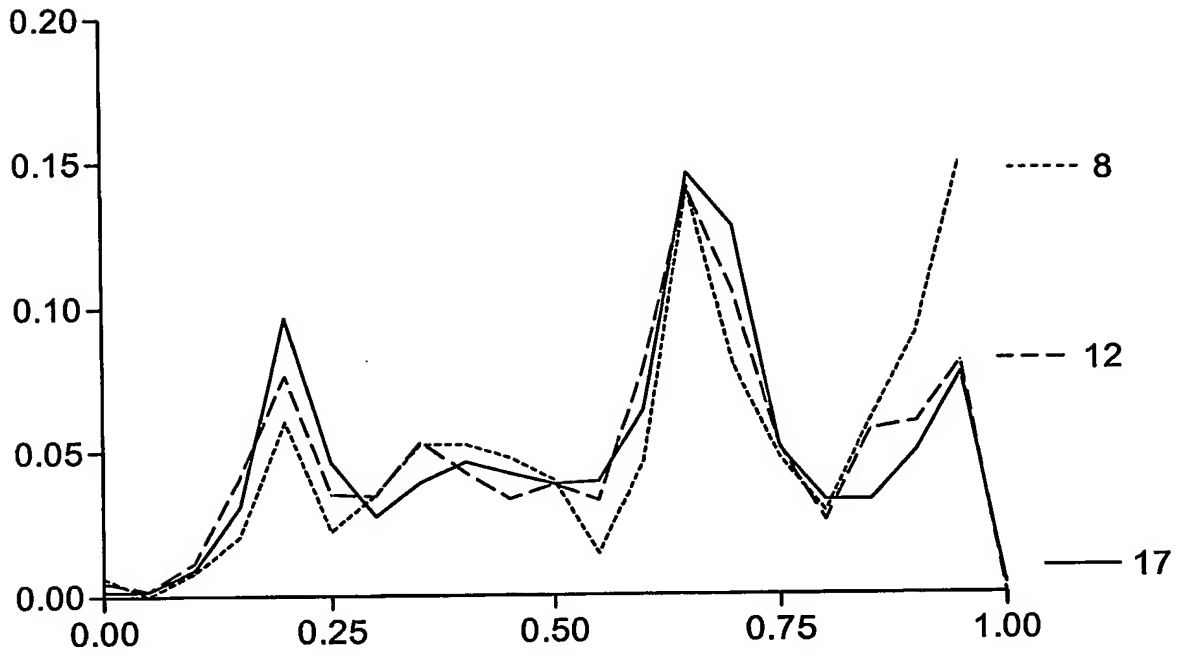


Fig. 23

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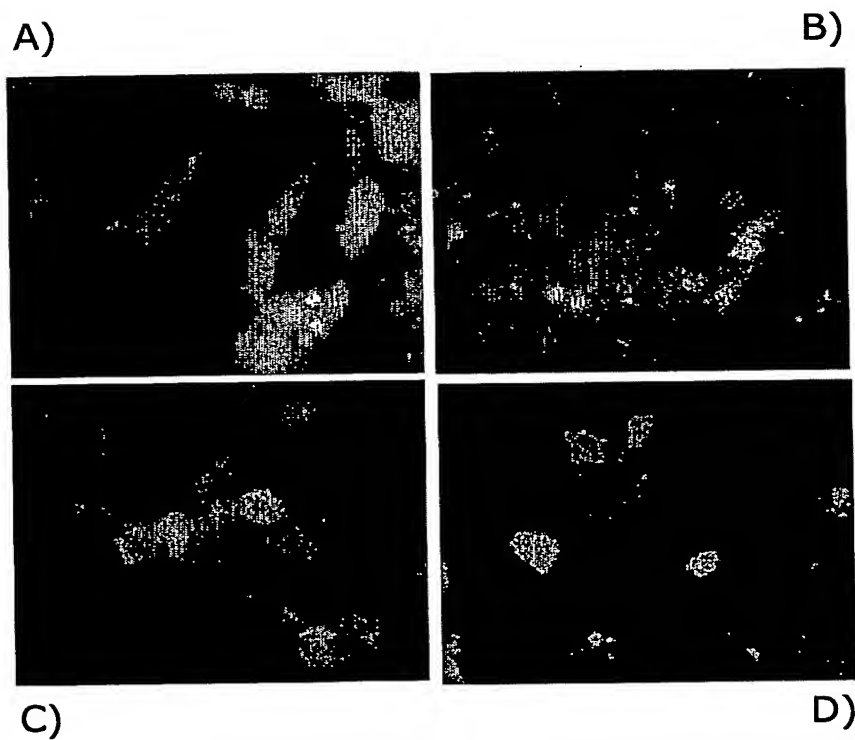
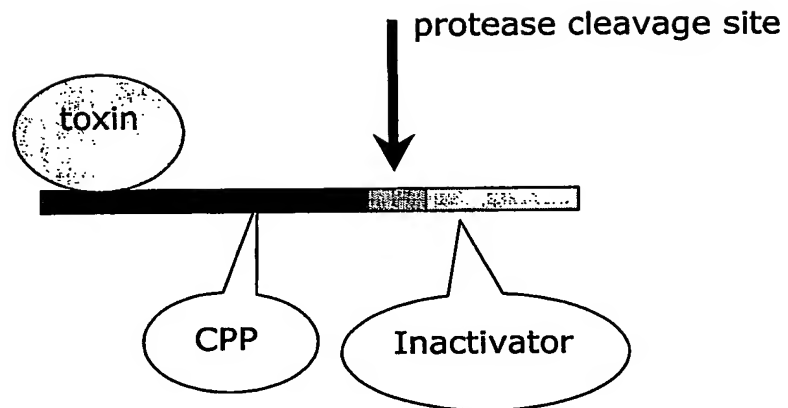
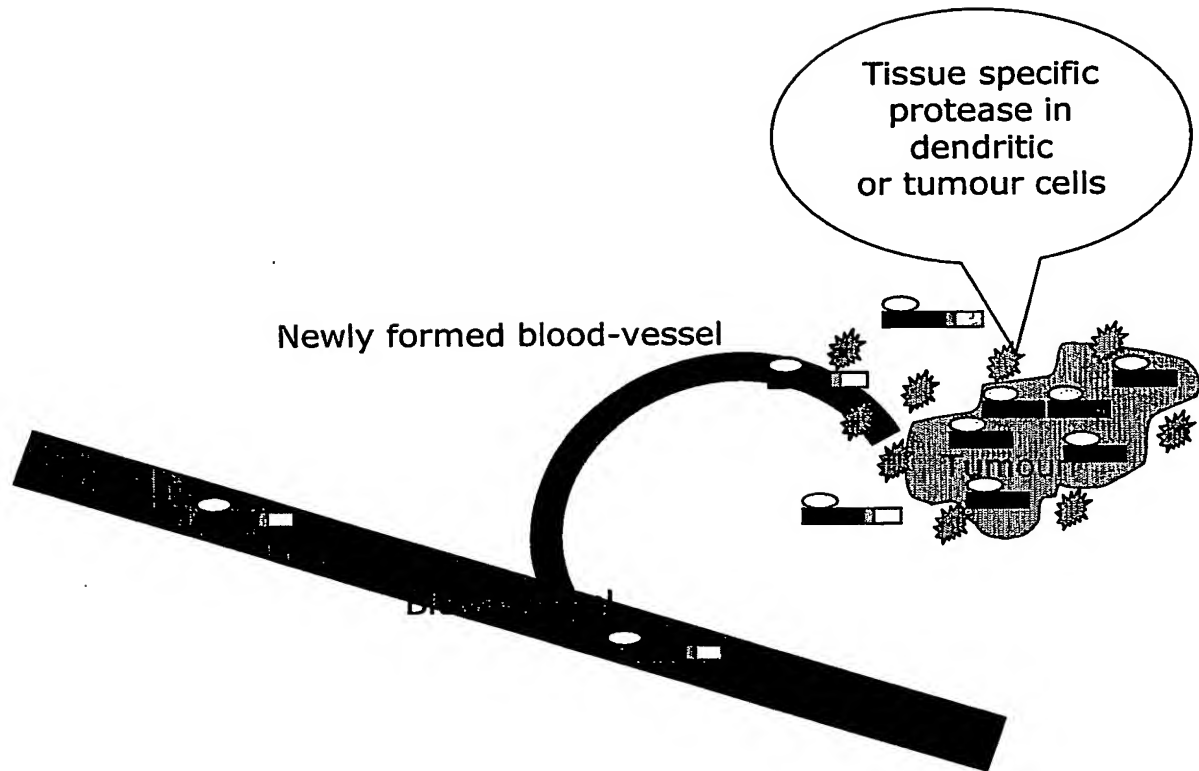


Fig. 24

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**Fig. 25**

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**Fig. 26**

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A)

B)

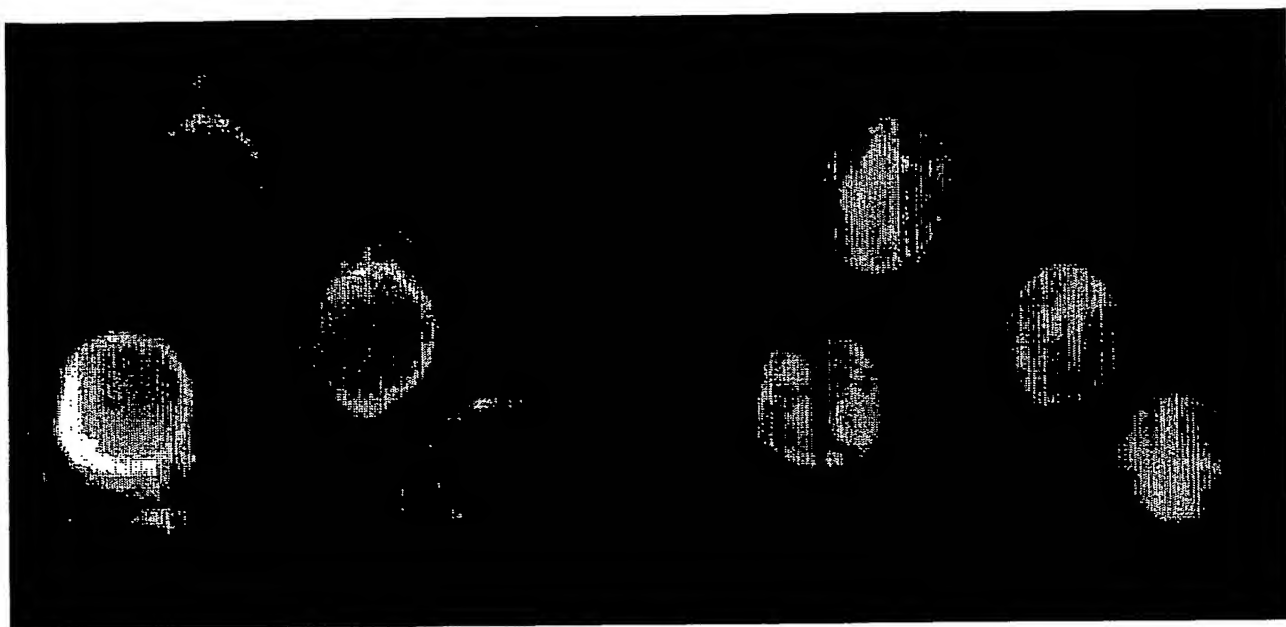
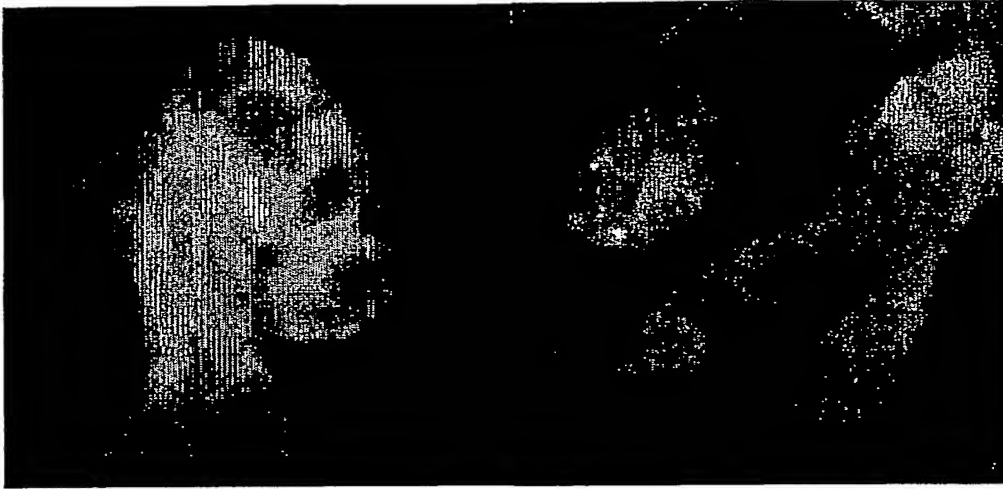


Fig. 27

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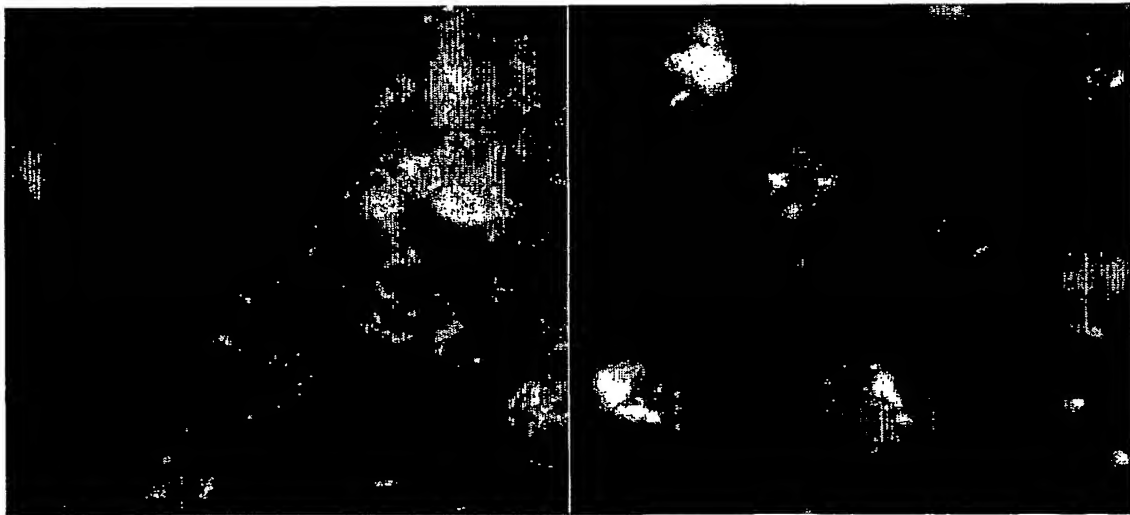
A)

B)

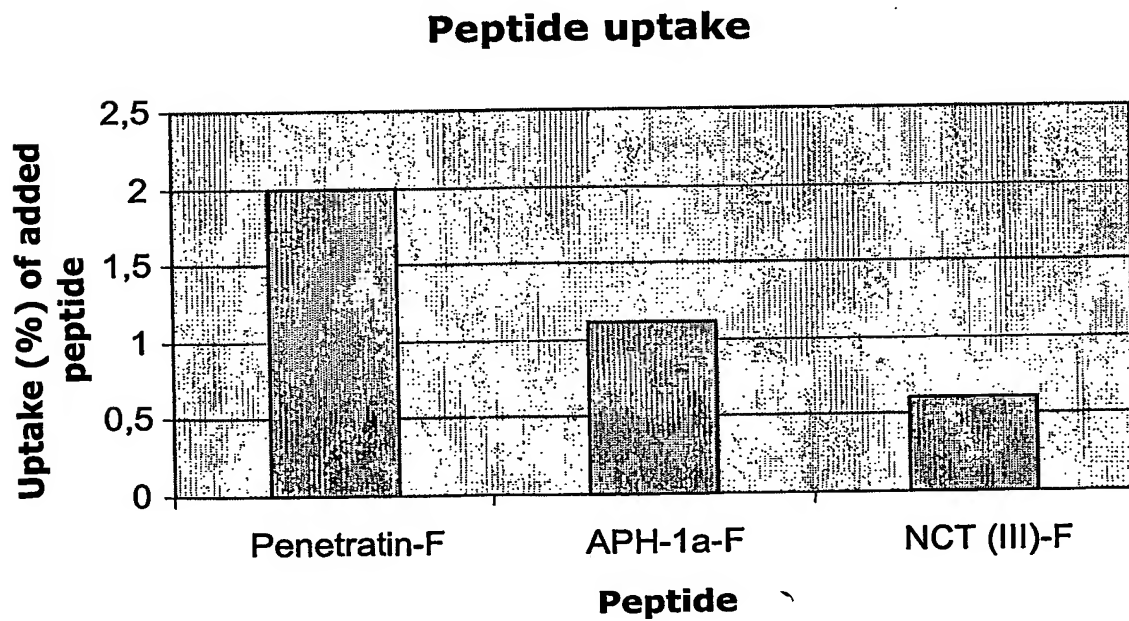
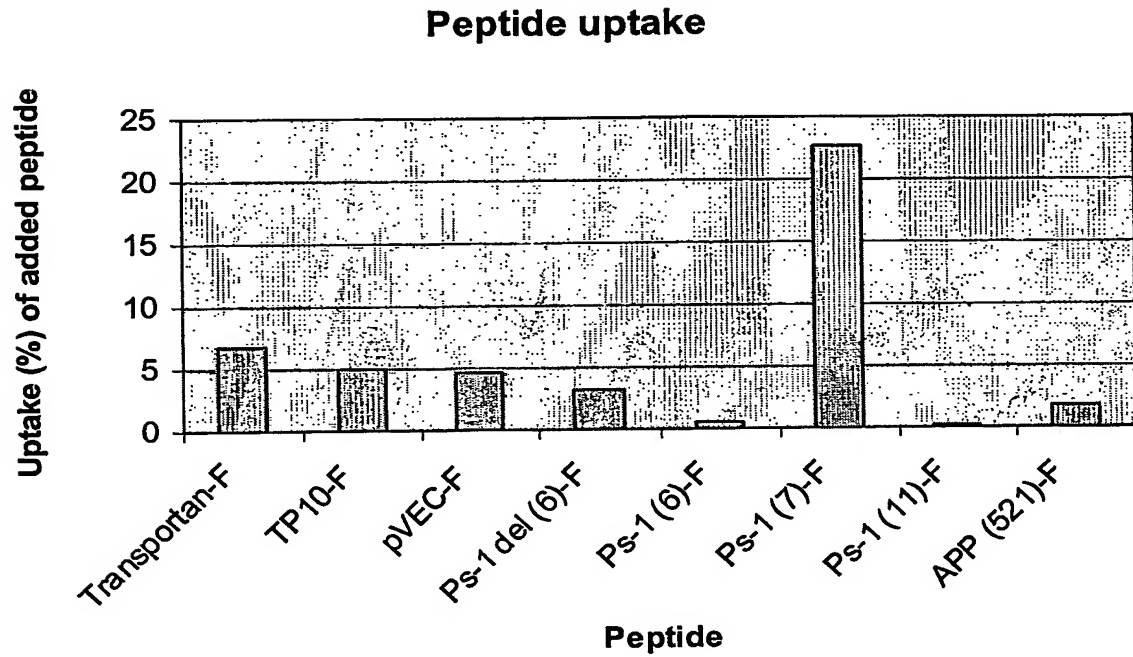


C)

D)

**Fig. 28**

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**Fig. 29**

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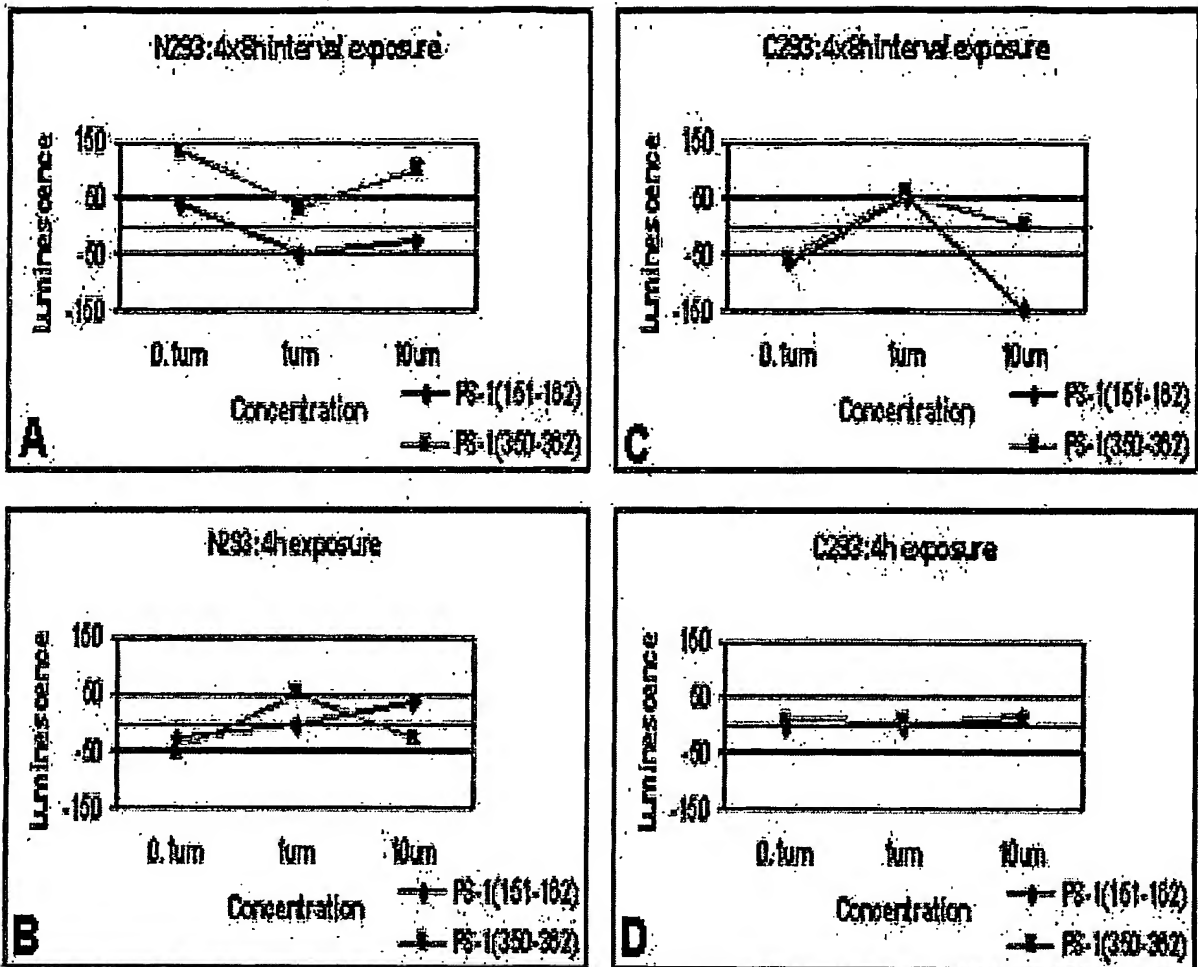
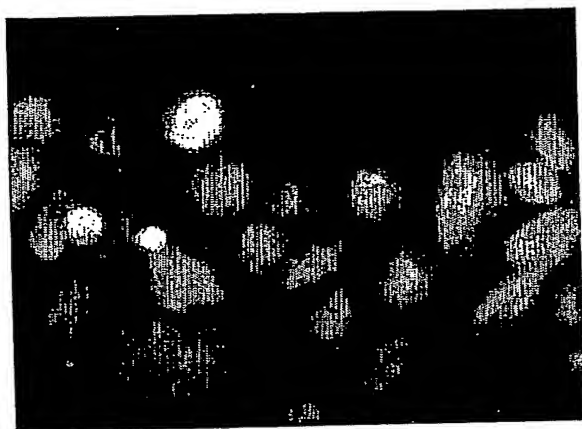
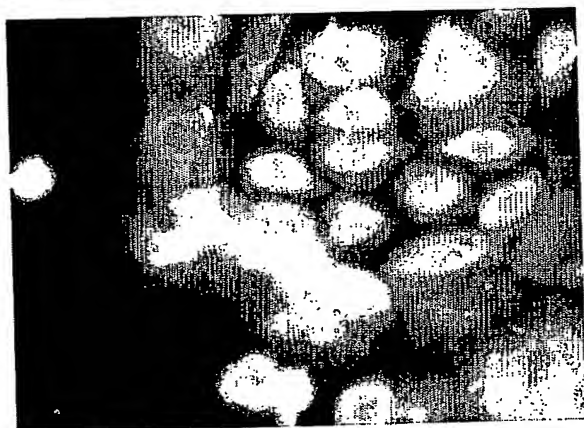


Fig. 30

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no drug



1 μ M Apa- γ Glu-Gly-Evo165



1 μ M MTX (=Apa-Glu)

Fig. 31

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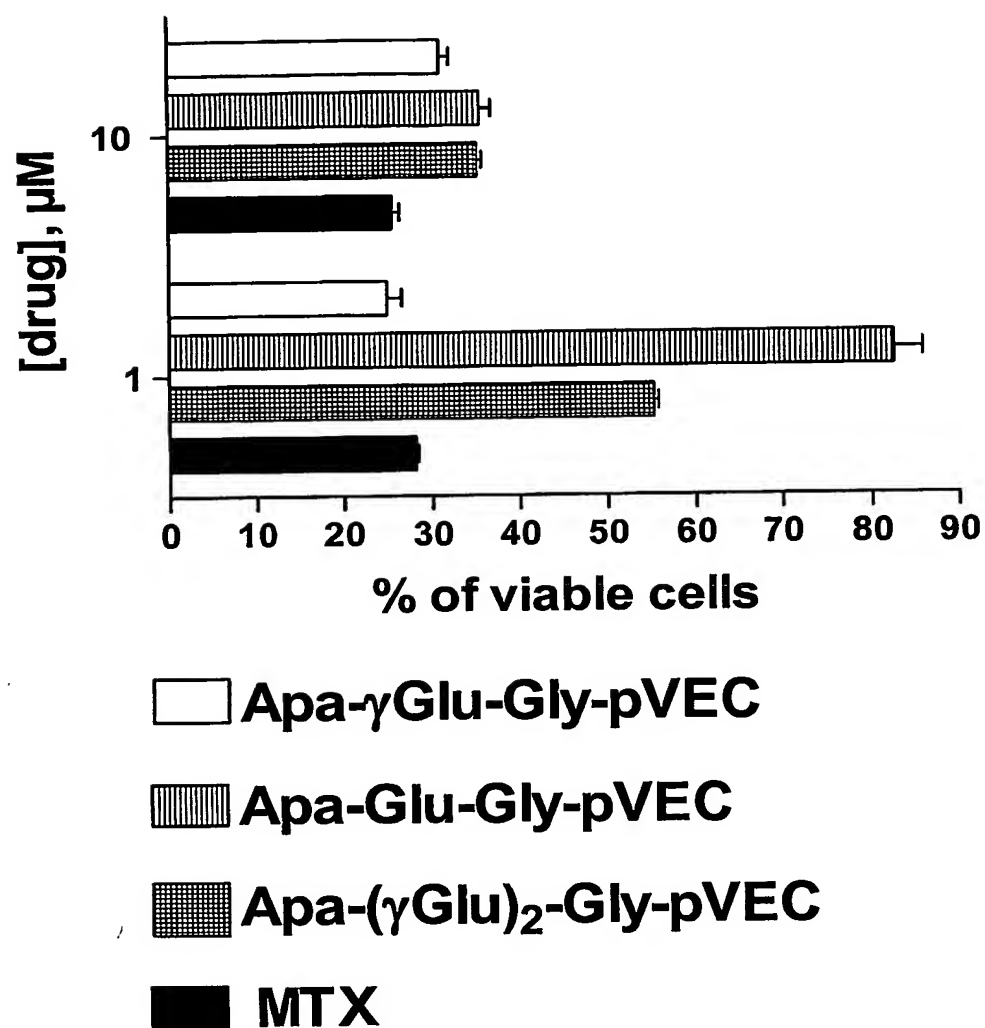


Fig. 32

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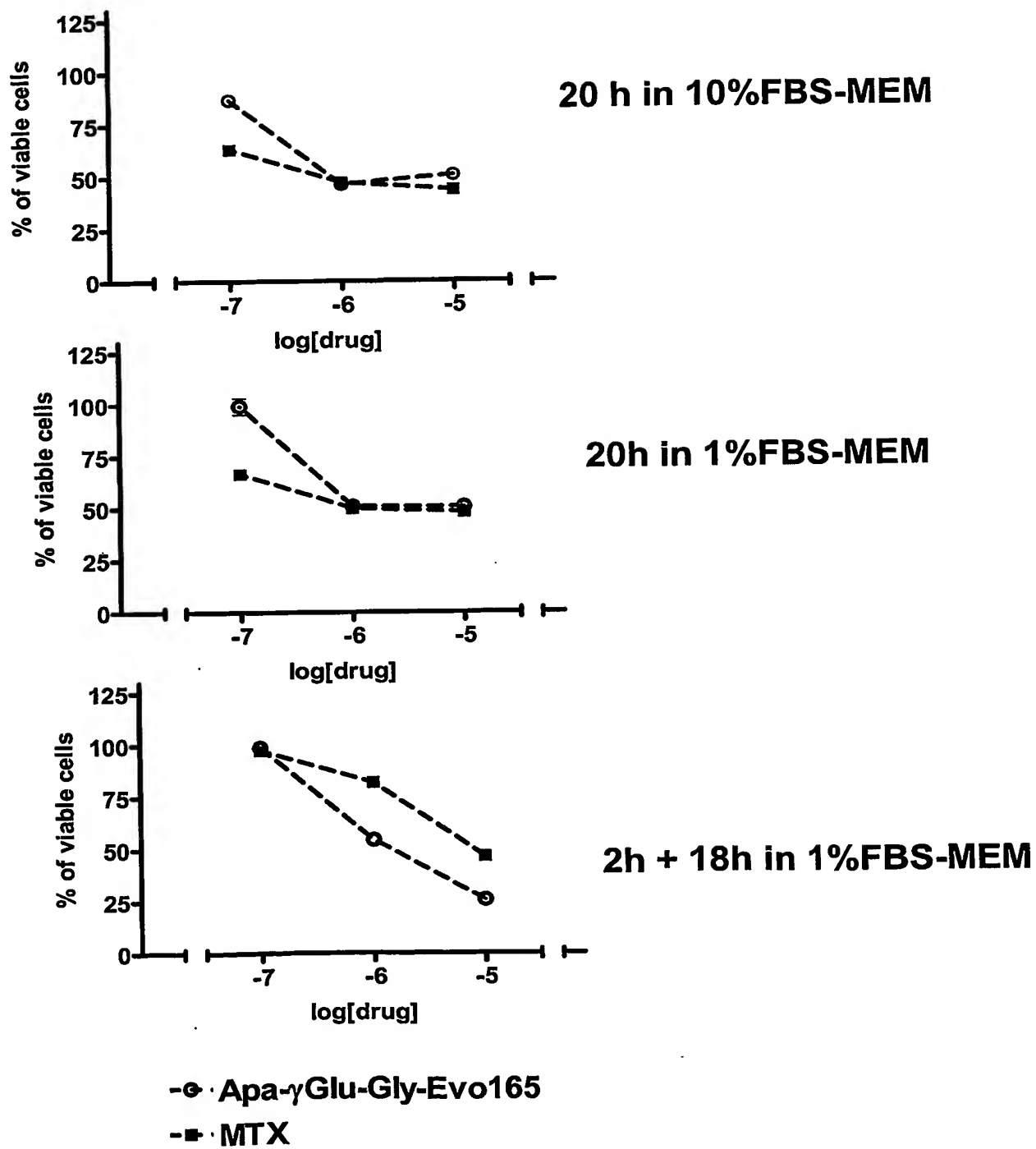


Fig. 33

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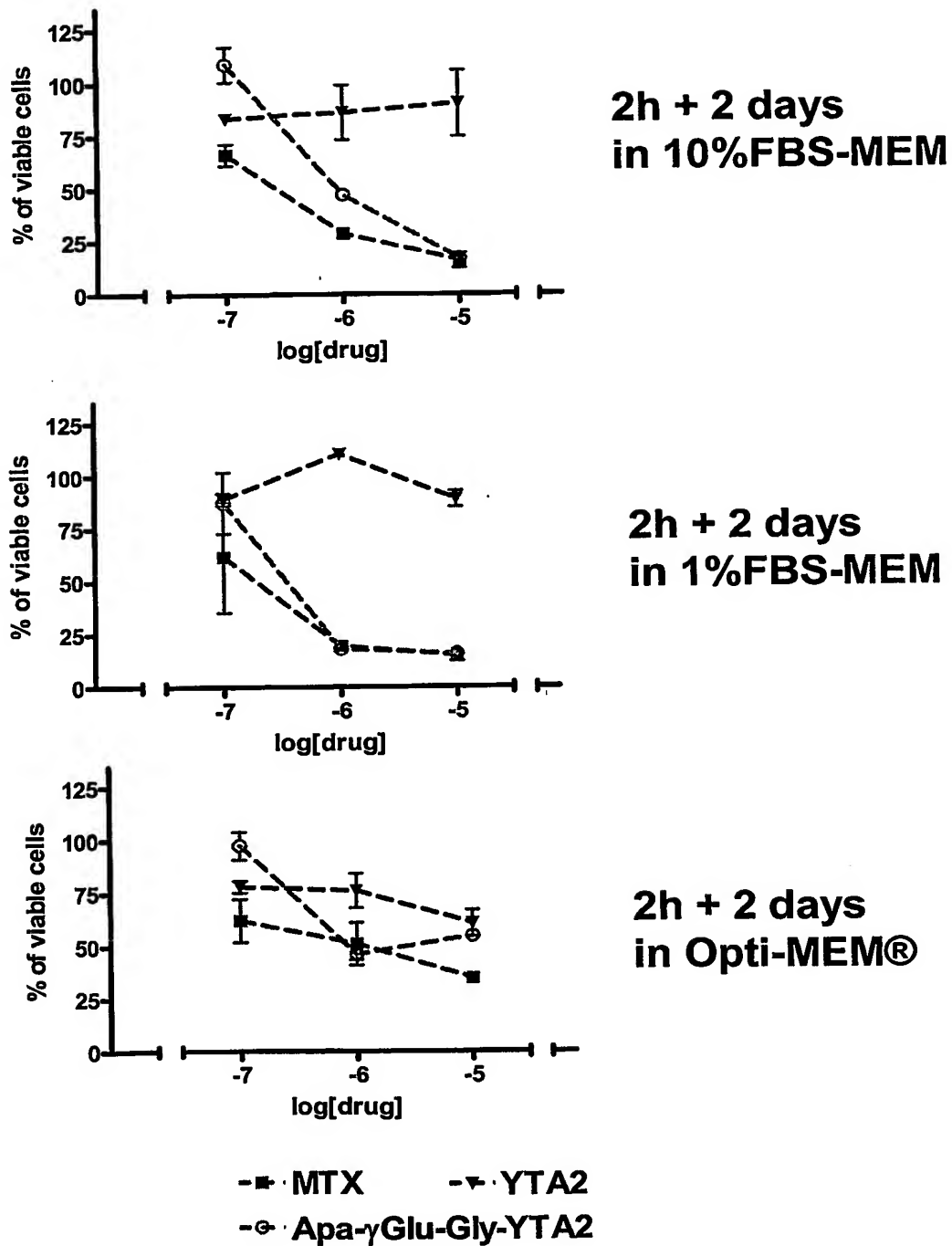


Fig. 34

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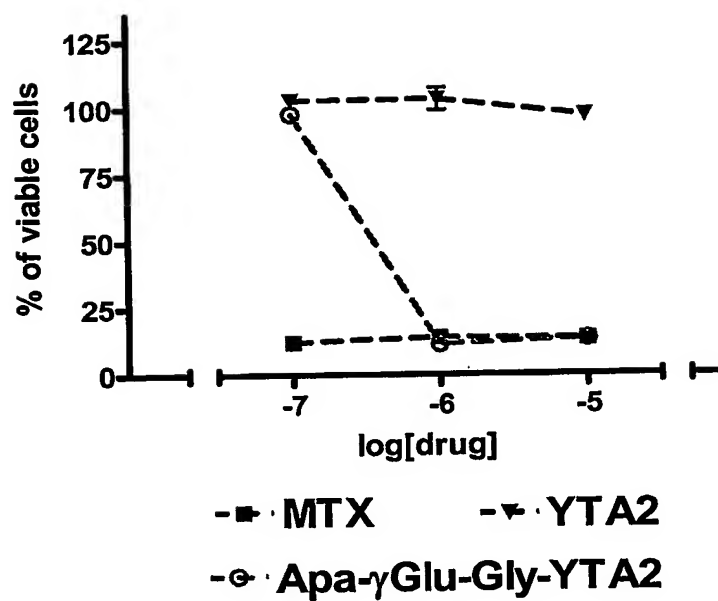


Fig. 35

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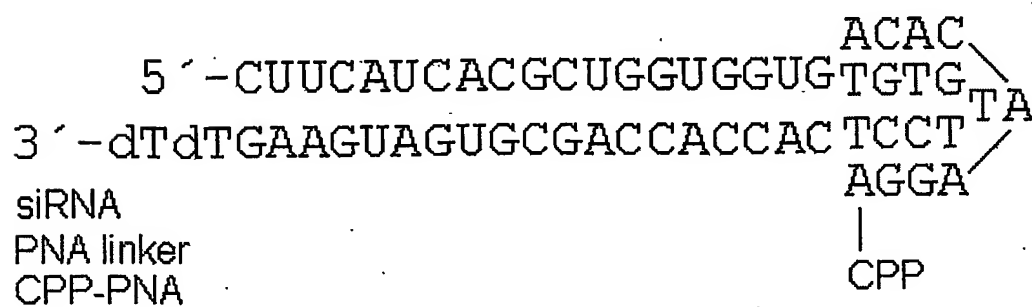
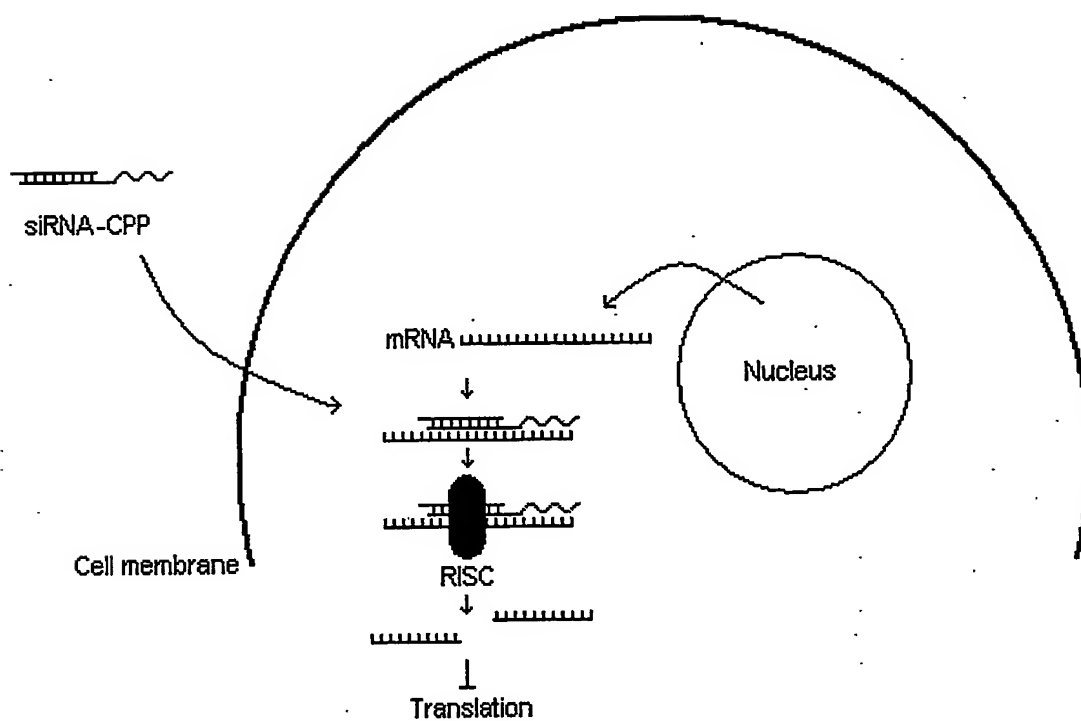
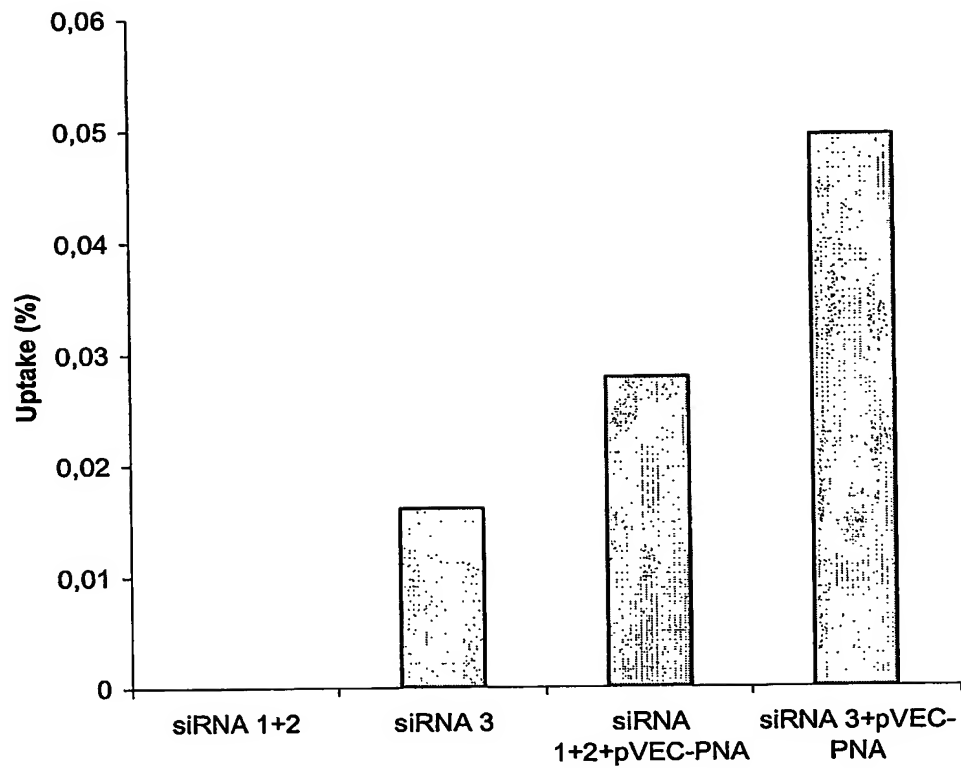


Fig. 36

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SS 5'-CUUCGUCACGCUGGUGGUGdTdT TTGTGTTTCCT-3' (1)

AS FLUO-3'-dTdTGAAGCAGUGCGACCACCAC-5' (2)

FLUO-5'-
CUUCGUCACGCUGGUGGUGdTdT TTGTGTTTCCTCACCACCAGCGUGACGAAGdTdT-
3' (5)

Fig. 37

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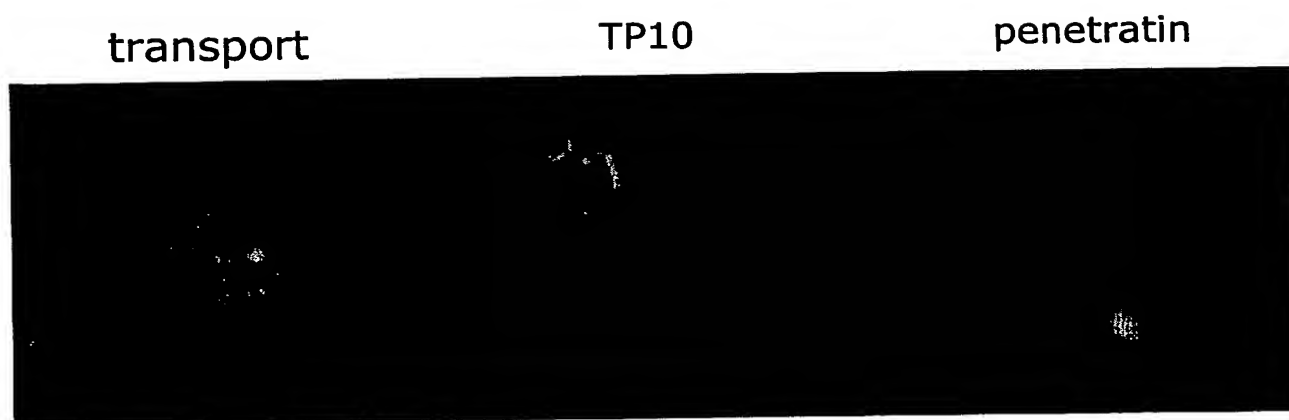
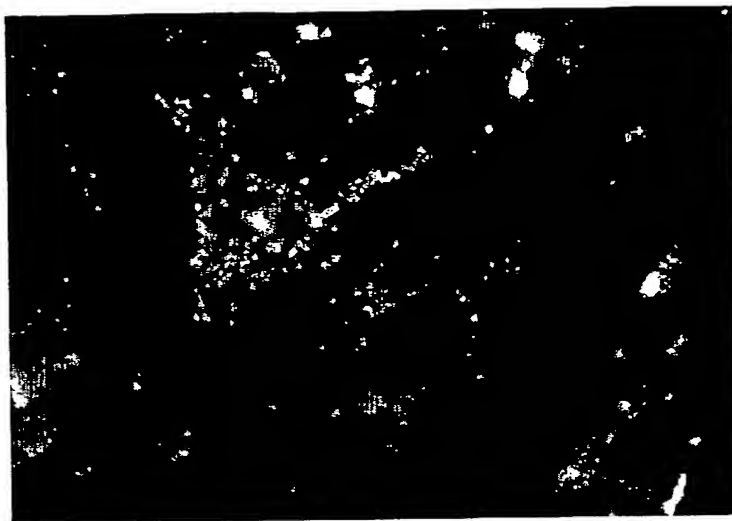
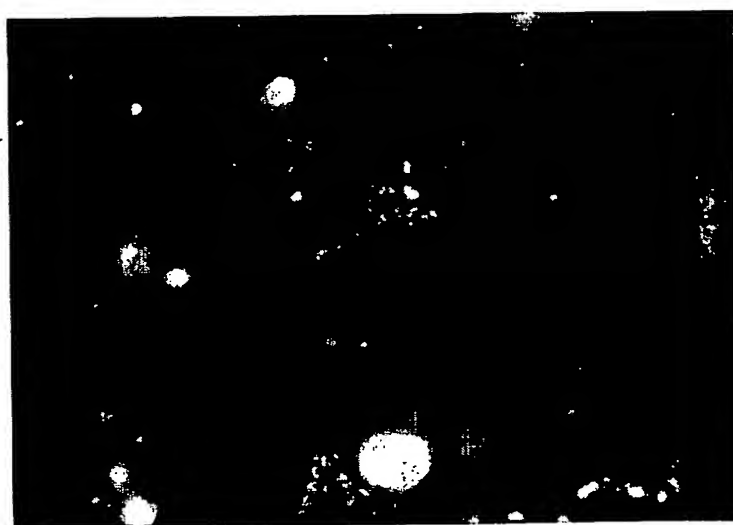


Fig. 38

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YTA-2



YTA-2ps

Fig. 39

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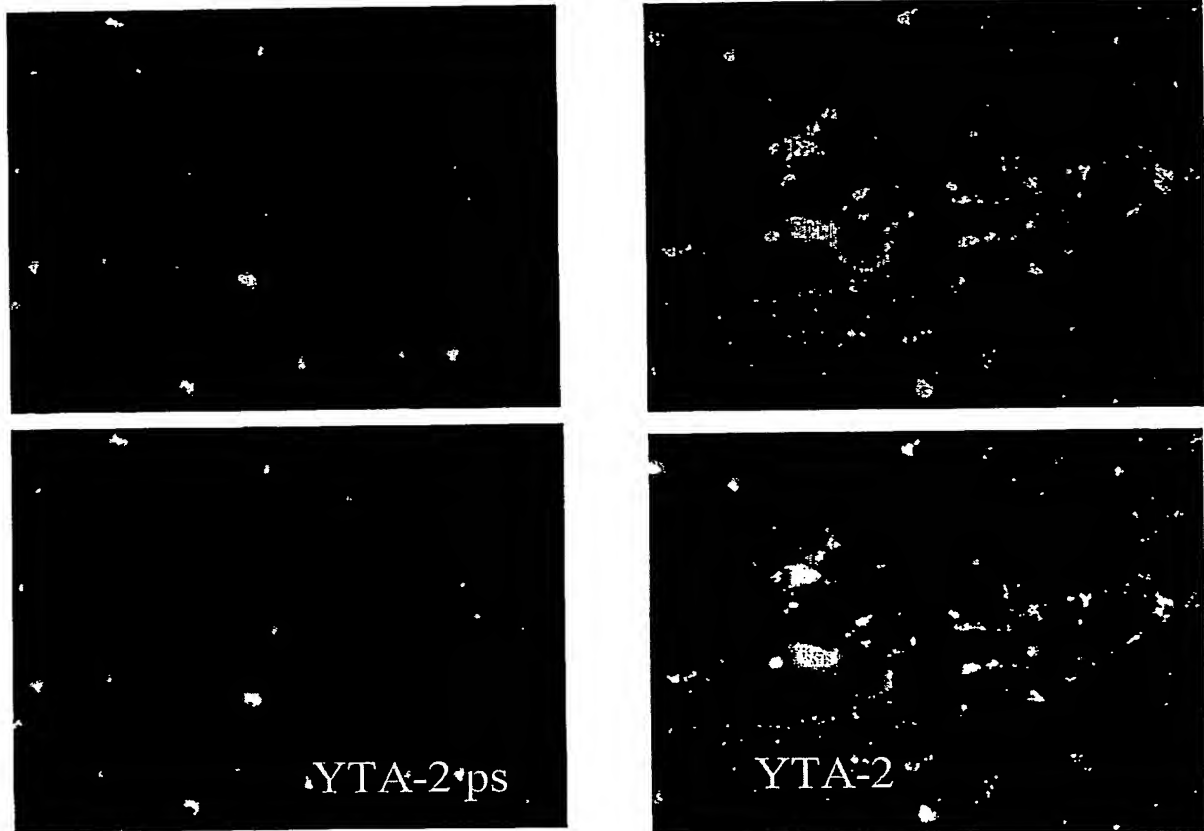


Fig. 40

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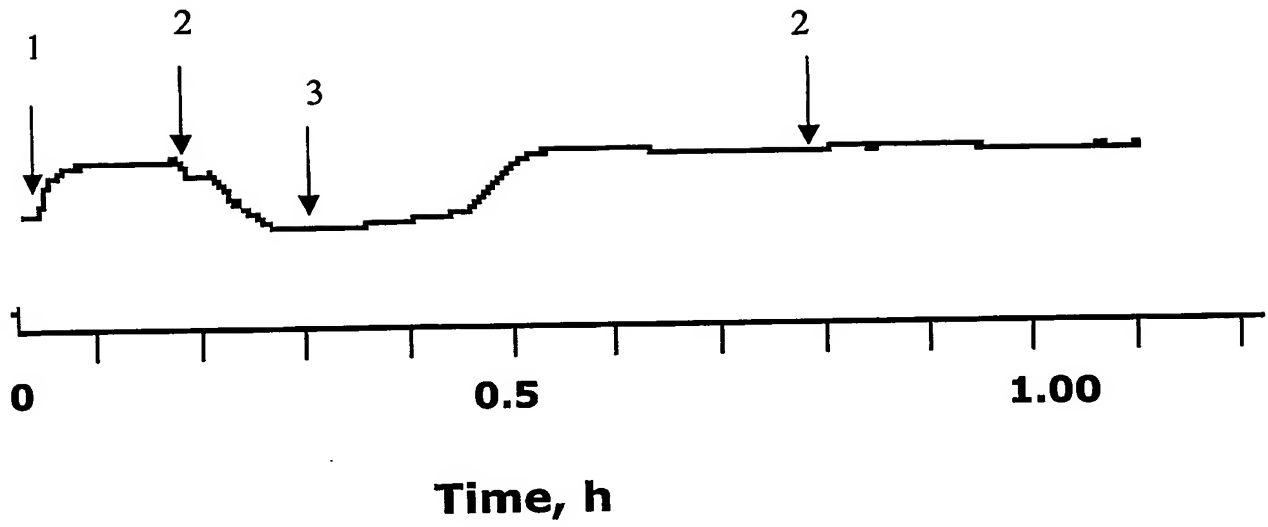


Fig. 41

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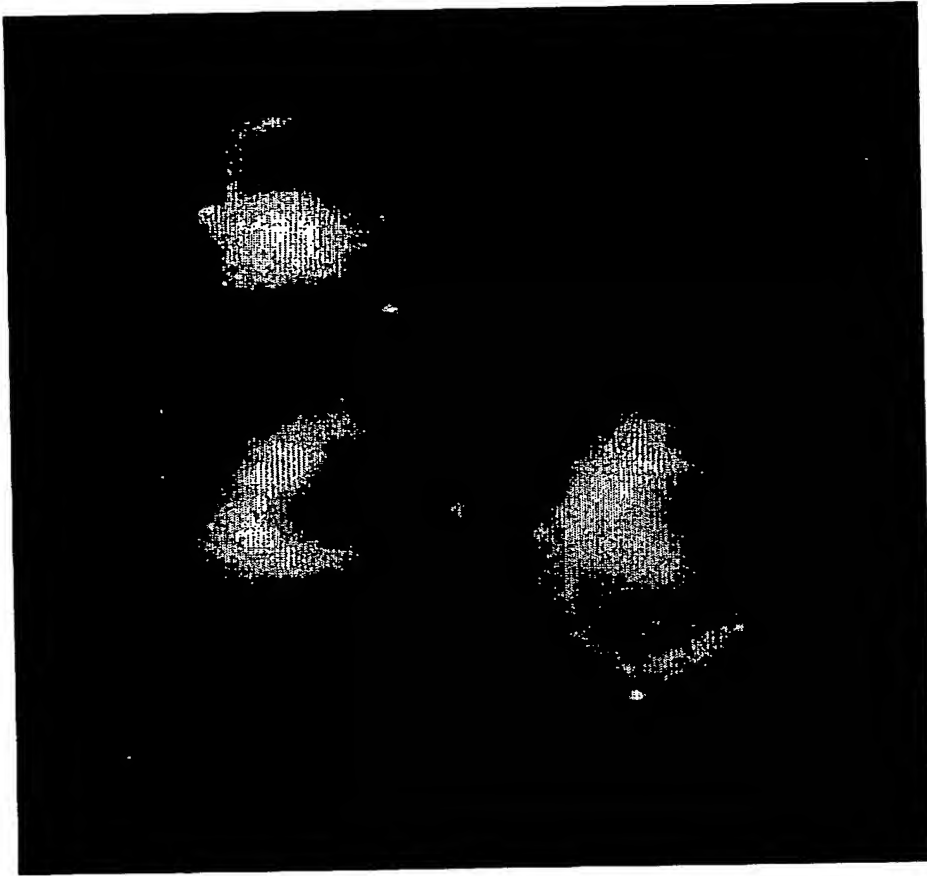


Fig. 42